

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FI2004/000523

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C08B31/04 C08J3/09

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C08B C08J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DATABASE CHEMABS CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; "Preparation of N-alkoxyalkylimidazolium salts and ionic liquid or gel containing them." XP002313845 retrieved from STN Database accession no. 136:85811 abstract & JP 2002 003478 A (FOUNDATION FOR SCIENTIFIC TECHNOLOGY PROMOTION JAPAN) 9 January 2002 (2002-01-09)	1-12
Y	GB 1 425 624 A (SCHOLTEN - HONIG RESEARCH B.V.) 18 February 1976 (1976-02-18) cited in the application page 1, line 36 - line 93 page 2, line 57 - line 75 ----- -/-	1-12

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search

18 January 2005

Date of mailing of the international search report

02/02/2005

Name and mailing address of the ISA

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PCT/FI2004/000523

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	HOLBREY J. D. ET AL.: "Applying ionic liquid solvent characteristics for controlled processing of polymer materials" POLYMER PREPRINTS, vol. 45, no. 1, 2004, pages 297-298, XP008041589 the whole document	1-12
A	KIMIZUKA N ET AL: "Spontaneous Self-Assembly of Glycolipid Bilayer Membranes in Sugar-philic Ionic Liquids and Formation of Ionogels" LANGMUIR, ACS, WASHINGTON, DC, US, vol. 17, 2001, pages 6759-6761, XP002219946 ISSN: 0743-7463 the whole document	1-12
A	WO 03/029329 A (PG RES FOUNDATION INC ; UNIV ALABAMA (US)) 10 April 2003 (2003-04-10) cited in the application page 4, line 29 - page 8, line 34 page 10, line 5 - line 8 page 12, line 14 - line 27 page 16, line 21 - line 29 page 18, line 1 - line 3 page 18, line 24 - page 19, line 16 page 20, line 20 - line 32 examples 1,2	1,2,4-6
A	US 1 943 176 A (CHARLES GRAENACHER) 9 January 1934 (1934-01-09) cited in the application the whole document	1-12

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 2002003478	A	09-01-2002	NONE	
GB 1425624	A	18-02-1976	NONE	
WO 03029329	A	10-04-2003	CA 2462460 A1 EP 1458805 A2 WO 03029329 A2 US 2003157351 A1 US 2004038031 A1	10-04-2003 22-09-2004 10-04-2003 21-08-2003 26-02-2004
US 1943176	A	09-01-1934	NONE	

NATIONAL BOARD OF PATENTS AND REGISTRATIONS

SEARCH REPORT

PATENTTI- JA REKISTERIHALLITUS

TUTKIMUSRAPORTTI

Patentti- ja innovaatiolinja

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PATENT APPL. NO. CLASSIFICATION

PATENTTIHAKEMUS NRO	LUOKITUS, IPC7
FI 20031301	C08B 31/04

TUTKITUT PATENTTILUOKAT (luokitusjärjestelmät ja luokkatiedot)

C08B

TUTKIMUKSESSA KÄYTETYT TIETOKANNAT

EPODOC, TXTE, STN Chemical Abstracts

VIITEJULKAISUT CITED REFERENCES

RELATED TO CLAIMS

Kategoria*) CATEGORY	Julkaisun tunnistetiedot ja tiedot sen olennaisista kohdista	Koskee vaatimuksia
Y	FORSYTH, STEWART A.; MACFARLANE, DOUGLAS R.; THOMSON, ROBIN J.; VON ITZSTEIN, MARK. Rapid, clean, and mild O-acetylation of alcohols and carbohydrates in an ionic liquid. Chemical Communications 2002 (7), sivut 714-715, ISSN: 0097-6156.	1-12
Y, D	US 1943176 A (GRAENACHER, CHARLES) 09.01.1934, erityisesti esimerkit 7-13	1-12
Y, D	WO 03029329 A2 (THE UNIVERSITY OF ALABAMA) 10.04.2003	1-12

Jatkuu seuraavalla sivulla

- *) X Julkaisu, jonka perusteella keksintö ei ole uusi tai ei eroa olennaisesti ennestään tunnetusta tekniikasta.
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Lisätietoja liitteessä

Päiväys

Tutkijainsinööri

29.05.2004

Liisa Helle